

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	577	"446"/\$.ccls. and microphone	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/22 08:51
L2	64	1 and (microphone same mouth)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/22 08:51
L3	2	("6668156").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/22 08:56
L4	1	musolf.in. and microphone.clm.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/22 08:57
L5	125	musolf.in.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/22 08:58
L6	8	5 and "434"/\$.ccls.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/22 08:58
L7	45	freeman.in. and "434"/\$.ccls.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/22 08:58

EAST Search History (Prior Art)

L8	2	7 and microphone.clm.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/22 08:58
L9	1	much.in. and microphone.clm.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/22 08:59
S1	54	("20020054029" "20030162162" "4884974" "5167508" "5419705" "5437552" "5453013" "5466158" "5485176" "5511980" "5531600" "5574519" "5575659" "5603652" "5636995" "5679049" "5707240" "5888070" "6148173" "6167233" "6246570" "6421524" "6516181" "6608618" "6661405" "6668156" "D436100").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/14 20:32
S2	654	space with mouth with distance	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/14 20:37
S3	67	S2 and speak\$3	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/14 20:37
S4	617	(fake or imitation or imitate or dummy or alternative) adj (Mic or microphone or (audio adj input))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/14 20:59
S5	28	(fake or imitation or imitate or dummy) adj (Mic or microphone or (audio adj input))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/14 20:59

EAST Search History (Prior Art)

S6	5	"750982".ap.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/15 10:36
S7	29	(US-20050140185-\$ or US-20050091431-\$). did. or (US-7510238-\$ or US-D359608-\$ or US-5127870-\$ or US-4853965-\$ or US-4078329-\$ or US-3793766-\$ or US-3769744-\$ or US-3702515-\$ or US-3238644-\$ or US-2813373-\$ or US-1569509-\$ or US-1563359-\$).did. or (US-3103762-\$ or US-2603912-\$ or US-2221963-\$).did.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/15 17:59
S8	574	mouth with distance with microphone	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/16 13:28
S9	2	("7020385").PN.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/19 08:42
S10	2	("7120385").PN.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/19 08:43
S11	2	("6516181").PN.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/19 08:43
S12	4	("6608618").PN.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/19 08:44

EAST Search History (Prior Art)

S13	54	("20020054029" "20030162162" "4884974" "5167508" "5419705" "5437552" "5453013" "5466158" "5485176" "5511980" "5531600" "5574519" "5575659" "5603652" "5636995" "5679049" "5707240" "5888070" "6148173" "6167233" "6246570" "6421524" "6516181" "6608618" "6661405" "6668156" "D436100").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/19 10:01
S14	17	S13 and microphone	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/19 10:01
S15	2	("5888070").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/19 11:03
S16	5	"750982".ap.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 11:09
S17	2459	434/112.ccls. 434/133.ccls. 434/155.ccls. 434/156.ccls. 434/307r.ccls. 434/308.ccls. 434/317-319.ccls.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 12:46
S18	2459	434/112.ccls. 434/133.ccls. 434/155.ccls. 434/156.ccls. 434/307r.ccls. 434/308.ccls. 434/317-319.ccls.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 12:49
S19	23	S18 and microphone and mouth and distance	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 12:49

EAST Search History (Prior Art)

S20	1	S18 and (microphone same mouth same distance)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 12:49
S21	370	interactive adj book	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 12:51
S22	42	S21 and microphone	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 12:51
S23	54	("20020054029" "20030162162" "4884974" "5167508" "5419705" "5437552" "5453013" "5466158" "5485176" "5511980" "5531600" "5574519" "5575659" "5603652" "5636995" "5679049" "5707240" "5888070" "6148173" "6167233" "6246570" "6421524" "6516181" "6608618" "6661405" "6668156" "D436100").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 13:21
S24	654	space with mouth with distance	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 13:21
S25	67	S24 and speak\$3	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 13:21
S26	618	(fake or imitation or imitate or dummy or alternative) adj (Mic or microphone or (audio adj input))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 13:21

EAST Search History (Prior Art)

S27	28	(fake or imitation or imitate or dummy) adj (Mic or microphone or (audio adj input))	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 13:21
S28	5	"750982".ap.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 13:21
S29	29	(US-20050140185-\$ or US-20050091431-\$). did. or (US-7510238-\$ or US-D359608-\$ or US-5127870-\$ or US-4853965-\$ or US-4078329-\$ or US-3793766-\$ or US-3769744-\$ or US-3702515-\$ or US-3238644-\$ or US-2813373-\$ or US-1569509-\$ or US-1563359-\$).did. or (US-3103762-\$ or US-2603912-\$ or US-2221963-\$).did.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 13:21
S30	574	mouth with distance with microphone	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 13:21
S31	2	("7020385").PN.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/20 13:21
S32	2	("7120385").PN.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/20 13:21
S33	2	("6516181").PN.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/20 13:21

EAST Search History (Prior Art)

S34	4	("6608618").PN.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/20 13:21
S35	54	("20020054029" "20030162162" "4884974" "5167508" "5419705" "5437552" "5453013" "5466158" "5485176" "5511980" "5531600" "5574519" "5575659" "5603652" "5636995" "5679049" "5707240" "5888070" "6148173" "6167233" "6246570" "6421524" "6516181" "6608618" "6661405" "6668156" "D436100").PN.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 13:21
S36	17	S35 and microphone	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 13:21
S37	2	("5888070").PN.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/20 13:21
S38	54	("20020054029" "20030162162" "4884974" "5167508" "5419705" "5437552" "5453013" "5466158" "5485176" "5511980" "5531600" "5574519" "5575659" "5603652" "5636995" "5679049" "5707240" "5888070" "6148173" "6167233" "6246570" "6421524" "6516181" "6608618" "6661405" "6668156" "D436100").PN.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 13:23
S39	654	space with mouth with distance	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 13:23
S40	67	S24 and speak\$3	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 13:23

EAST Search History (Prior Art)

S41	618	(fake or imitation or imitate or dummy or alternative) adj (Mic or microphone or (audio adj input))	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 13:23
S42	28	(fake or imitation or imitate or dummy) adj (Mic or microphone or (audio adj input))	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 13:23
S43	5	"750982".ap.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 13:23
S44	29	(US-20050140185-\$ or US-20050091431-\$). did. or (US-7510238-\$ or US-D359608-\$ or US-5127870-\$ or US-4853965-\$ or US-4078329-\$ or US-3793766-\$ or US-3769744-\$ or US-3702515-\$ or US-3238644-\$ or US-2813373-\$ or US-1569509-\$ or US-1563359-\$).did. or (US-3103762-\$ or US-2603912-\$ or US-2221963-\$).did.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 13:23
S45	574	mouth with distance with microphone	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 13:23
S46	2	("7020385").PN.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/20 13:23
S47	2	("7120385").PN.	US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/20 13:23

EAST Search History (Prior Art)

S48	2	(“6516181”).PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/20 13:23
S49	4	(“6608618”).PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/20 13:23
S50	54	(“20020054029” “20030162162” “4884974” “5167508” “5419705” “5437552” “5453013” “5466158” “5485176” “5511980” “5531600 ” “5574519” “5575659” “5603652” “563699 5” “5679049” “5707240” “5888070” “61481 73” “6167233” “6246570” “6421524” “6516 181” “6608618” “6661405” “6668156” “D43 6100”).PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 13:23
S51	17	S35 and microphone	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 13:23
S52	2	(“5888070”).PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/20 13:23

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S53	2104	434/112.ccls. 434/133.ccls. 434/155.ccls. 434/156.ccls. 434/307r.ccls. 434/308.ccls. 434/317-319.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2010/04/20 12:46
S54	509	S53 and microphone	US-PGPUB; USPAT; UPAD	OR	ON	2010/04/20 12:46
S55	389	S54 and memory	US-PGPUB; USPAT; UPAD	OR	ON	2010/04/20 12:47

EAST Search History (Interference)

S56	48	S55 and mouth	US-PGPUB; USPAT; UPAD	OR	ON	2010/04/20 12:47
S57	147	S53 and microphone.clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/04/20 12:47
S58	2	S57 and mouth.clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/04/20 12:47